

What is Claimed is:

1. A recording and reproduction apparatus comprising:
a recording and reproduction control means of controlling recording in and reproduction from a main data recording region of a recording medium which has said main data recording region;

a command reception means of receiving both raw access commands and non-raw access commands; and

an authentication means of judging whether or not the command issuing origin should be authenticated based on the types of said received commands and of authenticating said command issuing origin according to the judgment result, wherein

said recording and reproduction control means decides to carry out said received commands in the case that it is not necessary to authenticate said command issuing origin and in the case that said command issuing origin is authenticated and this authentication has succeeded.

2. A recording and reproduction apparatus according to Claim 1, characterized in that said main data are AV data.

3. A recording and reproduction apparatus according to Claim 1, characterized in that said main data are AV data and data added to the AV data.

4. A recording and reproduction apparatus according to any of Claims 1 to 3, characterized in that the types of said commands are either raw access commands or non-raw access commands and said authentication means judges that

authentication should be performed in the case that the types of said received commands are raw access commands and that authentication is not necessary in the case that the types of said received commands are non-raw access commands.

5. A recording and reproduction apparatus according to Claim 4, characterized in that:

said main data recording region has a first region that can be accessed by both said commands and a second region that can be accessed only by said non-raw access commands;

the types of said commands are either commands that access said first region or commands that access said second region; and

said authentication means judges whether or not authentication should be performed according to the type of said commands in the case that said received commands are raw access commands.

6. A recording and reproduction apparatus according to any of Claims 1 to 3, characterized in that:

the types of said commands are write commands of raw access commands, read commands of raw access commands or non-raw access commands; and

said authentication means judges that authentication should be performed in the case that the types of said received commands are write commands of raw access commands and that authentication is not necessary in the case that the types of

said received commands are said raw access commands and are read commands as well as in the case that the types of said received commands are non-raw access commands.

7. A recording and reproduction apparatus according to any of Claims 1 to 3, characterized in that:

said main data recording region has a data region which records said main data and a management region which manages said recorded main data;

the types of said commands are either commands which access said data region or commands which access said management region; and

said authentication means judges that authentication should be performed in the case that the types of said received commands are commands which access said management region and that authentication is not necessary in the case that the types of said received commands are commands which access said data region.

8. A medium which carries a program and/or data for implementing, by a computer, all of, or a part of, the functions of all of, or a part of, the means of a recording and reproduction apparatus according to any of Claims 1 to 7 and which is characterized by being able to be processed by a computer.

9. An information assembly characterized by being a program and/or data for implementing, by a computer, all of, or a part of, the functions of all of, or a part of, the means

of a recording and reproduction apparatus according to any of
Claims 1 to 7.

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